

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-215940

(43)Date of publication of application : 10.08.2001

(51)Int.Cl. G09G 5/00  
B25J 5/00  
B25J 13/00  
G06T 13/00  
// A63H 3/36

(21)Application number : 2000-022258

(71)Applicant : TOSHIBA CORP

(22)Date of filing : 31.01.2000

(72)Inventor : FURUYA TOMOKO  
TAKEMURA HIROO  
TAKEUCHI MOTOHIKO

## (54) INTELLECTUAL ROBOT HAVING EXPRESSION

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an intellectual robot having rich and real expressions.

SOLUTION: This robot is constituted of an electronic expression displaying part 11 which displays expressions at a part equivalent to the face of the robot, for example, by irradiating the face with light from the inside of the face body, an expression generating part 21 which generates signals corresponding to plural expression patterns such as portraits to be displayed by the electronic expression displaying part and a selection part 22 which selects one of signals of the plural patterns generated by the expression generating part and supplies the selected pattern to the part 11. Moreover, covering parts for backing up display contents really are connected with each other with connectors at the electronic expression displaying part.

